



July 2009

**DEPARTMENT OF EDUCATION**  
2008–2009 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State accountability standards of Maine's *Learning Results*. The *Learning Results* contain goals for what all students should know and be able to do at certain times in their school careers and include the accountability standards that are assessed for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind* Act.

The 2008-2009 MEA Summary Reports contain the results of student achievement in reading and mathematics at all grades and science at grades 5 and 8 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. More information about the MEA is available at [www.maine.gov/education/mea/index.htm](http://www.maine.gov/education/mea/index.htm).

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the assessments.

Sincerely,

Susan A. Gendron  
Commissioner of Education



## School Report Grade 8

Test Date: March 2009  
Code: 12371638  
SAU: MSAD 43  
School: Mountain Valley Middle School

### Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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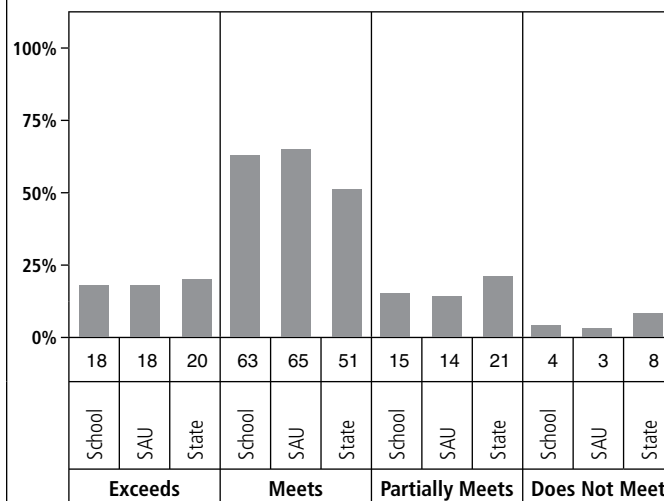
# SUMMARY OF SCORES

Test Date: March 2009  
Grade: 8  
SAU: MSAD 43  
School: Mountain Valley Middle School

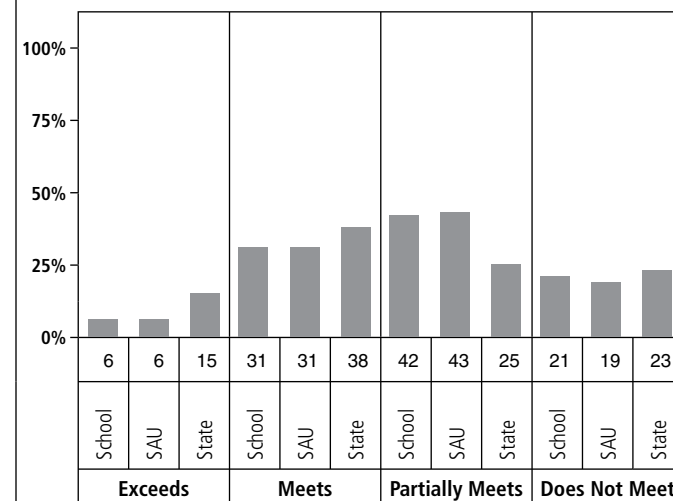
## Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
<b>ELA – Reading</b>			
2006–2007	840	841	847
2007–2008	846	846	849
<b>2008–2009</b>	<b>853</b>	<b>853</b>	<b>850</b>
Cum. Avg.*	846	846	849
<b>Mathematics</b>			
2006–2007	837	837	842
2007–2008	834	834	841
<b>2008–2009</b>	<b>838</b>	<b>839</b>	<b>843</b>
Cum. Avg.*	836	837	842
<b>Science</b>			
<b>2008–2009 **</b>	<b>850</b>	<b>851</b>	<b>846</b>

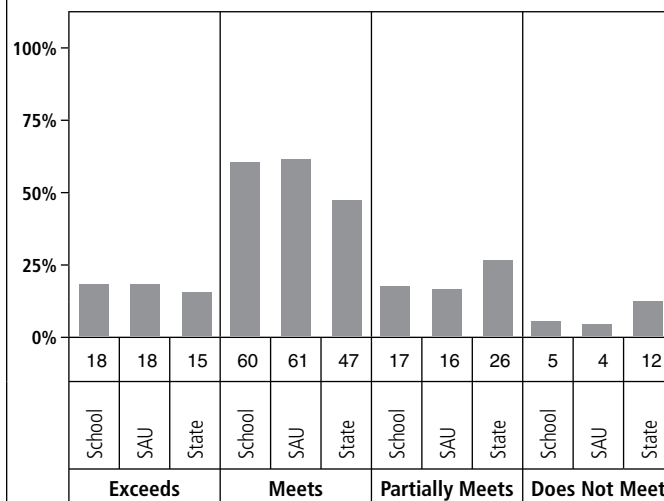
## ELA – READING



## MATHEMATICS



## SCIENCE



\*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

\*\* Because science standards were reset in May 2009, no historical data are available

# SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2009  
Grade: 8  
SAU: MSAD 43  
School: Mountain Valley Middle School

CATEGORY OF PARTICIPATION	Enrollment <sup>1</sup> during testing window						CONTENT AREA PARTICIPATION <sup>2</sup>																	
							ELA-Reading						Mathematics						Science					
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
<b>Total number of students</b>	97	100	95	100	14804	100	96	99	94	99	14659	99	95	98	93	98	14653	99	95	98	93	98	14626	99
<b>Ethnicity</b> African American/Black	0	0	0	0	377	3	0	0	0	0	366	97	0	0	0	0	371	98	0	0	0	0	367	97
American Indian or Native Alaskan	0	0	0	0	119	1	0	0	0	0	117	99	0	0	0	0	115	97	0	0	0	0	116	98
Asian or Pacific Islander	0	0	0	0	238	2	0	0	0	0	232	97	0	0	0	0	234	98	0	0	0	0	234	98
Hispanic	2	2	2	2	192	1	2	100	2	100	188	98	2	100	2	100	191	100	2	100	2	100	190	99
Caucasian/White	95	98	93	98	13878	94	94	99	92	99	13756	99	93	98	91	98	13742	99	93	98	91	98	13719	99
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Identified disability</b>	12	12	11	12	2489	17	12	100	11	100	2434	99	12	100	11	100	2424	98	12	100	11	100	2418	98
<b>Current LEP</b>	1	1	1	1	349	2	1	100	1	100	331	95	1	100	1	100	342	98	1	100	1	100	338	97
<b>Economically disadvantaged</b>	43	44	42	44	5460	37	42	98	41	98	5380	99	42	98	41	98	5377	99	42	98	41	98	5359	98
<b>Migrant</b>	0	0	0	0	6	0	0	0	0	0	6	100	0	0	0	0	6	100	0	0	0	0	6	100

MODE OF PARTICIPATION <sup>3</sup>	ELA-Reading						Mathematics						Science					
	School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
<b>Participation without accommodations</b>	88	91	87	92	12132	82	88	91	87	92	12124	82	87	90	86	91	12169	82
Identified disability (PET/IEP)	4	5	4	5	379	3	5	6	5	6	380	3	4	5	4	5	425	3
LEP	0	0	0	0	166	1	1	1	1	1	169	1	0	0	0	0	168	1
504 plan	0	0	0	0	200	2	0	0	0	0	200	2	0	0	0	0	202	2
<b>Participation with accommodations</b>	7	7	6	6	2349	16	7	7	6	6	2347	16	7	7	6	6	2288	15
Identified disability (PET/IEP)	7	100	6	100	1877	80	7	100	6	100	1862	79	7	100	6	100	1824	80
LEP	0	0	0	0	158	7	0	0	0	0	167	7	0	0	0	0	165	7
504 plan	0	0	0	0	70	3	0	0	0	0	70	3	0	0	0	0	66	3
Other	0	0	0	0	292	12	0	0	0	0	297	13	0	0	0	0	280	12
<b>Participation through alternate assessment (PAAP)</b>	1	1	1	1	178	1	0	0	0	0	182	1	1	1	1	1	169	1
Identified disability (PET/IEP)	1	100	1	100	178	100	0	0	0	0	182	100	1	100	1	100	169	100
LEP	1	100	1	100	7	4	0	0	0	0	6	3	1	100	1	100	5	3
504 plan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Approved non-participation in reading – 1st year LEP</b>	0	0	0	0	0	0												
<b>Approved non-participation – special consideration</b>	0	0	0	0	32	0	0	0	0	0	34	0	0	0	0	0	38	0
<b>Non-participation – other</b>	1	1	1	1	113	1	2	2	2	2	117	1	2	2	2	2	140	1

<sup>1</sup>Percents are the percentage of students enrolled in each participation category.

<sup>2</sup>Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

<sup>3</sup>Percents are the percentage of students in each content area by mode.

# ELA–READING RESULTS

Test Date: March 2009  
Grade: 8  
SAU: MSAD 43  
School: Mountain Valley Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
<b>Exceeds the Standards</b> – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (Scaled Score 862–880)	2006-2007	4	4	4	4	2407	16
	2007-2008	13	12	13	12	3428	23
	<b>2008-2009</b>	<b>17</b>	<b>18</b>	<b>17</b>	<b>18</b>	<b>2857</b>	<b>20</b>
	Cum. Total*	34	11	34	11	8692	19
<b>Meets the Standards</b> – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (Scaled Score 842–860)	2006-2007	52	46	52	47	7494	49
	2007-2008	57	53	56	53	7179	48
	<b>2008-2009</b>	<b>60</b>	<b>63</b>	<b>60</b>	<b>65</b>	<b>7431</b>	<b>51</b>
	Cum. Total*	169	54	168	54	22104	49
<b>Partially Meets the Standards</b> – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (Scaled Score 830–840)	2006-2007	33	29	32	29	3628	24
	2007-2008	28	26	27	26	2706	18
	<b>2008-2009</b>	<b>14</b>	<b>15</b>	<b>13</b>	<b>14</b>	<b>2979</b>	<b>21</b>
	Cum. Total*	75	24	72	23	9313	21
<b>Does Not Meet the Standards</b> – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (Scaled Score 800–828)	2006-2007	24	21	23	21	1810	12
	2007-2008	9	8	9	9	1611	11
	<b>2008-2009</b>	<b>4</b>	<b>4</b>	<b>3</b>	<b>3</b>	<b>1214</b>	<b>8</b>
	Cum. Total*	37	12	35	11	4635	10

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Reading Total Points	56	100	37.6	67.1	38.1	68.0	35.5	63.4
A1/A2 Interconnected Elements/Literary Text	20	36	13.5	67.5	13.7	68.5	12.3	61.5
A1/A3/4 Interconnected Elements/Informational Text/Persuasive Text	36	64	24.1	66.9	24.3	67.5	23.2	64.4

The MEA measures student achievement of the interconnected elements of the reading process based on questions related to literary and informational/persuasive reading passages. Reading passages include both long and short texts, selected from developmentally appropriate works. MEA reading items measure the English Language Arts accountability content standard A, Reading, contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at:  
<http://www.maine.gov/education/lres/pei/index.html>.



# ELA-READING RESULTS

## (CONTINUED)

Test Date: March 2009  
 Grade: 8  
 SAU: MSAD 43  
 School: Mountain Valley Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
<b>All Students</b>	95	17	18	60	63	14	15	4	4	853	93	18	65	14	3	853	14481	20	51	21	8	850
<b>Ethnicity</b>																						
African American/Black	0										0						362	8	43	29	20	843
American Indian or Native Alaskan	0										0						116	10	46	26	18	843
Asian or Pacific Islander	0										0						231	28	43	19	10	851
Hispanic	1										1						186	17	48	23	12	847
Caucasian/White	94	16	17	60	64	14	15	4	4	853	92	17	65	14	3	853	13586	20	52	20	8	850
Not Reported	0										0						0					
<b>Identified disability</b>																						
Yes	11	0	0	4	36	6	55	1	9	840	10	0	40	50	10	840	2256	2	25	40	34	834
No	84	17	20	56	67	8	10	3	4	854	83	20	67	10	2	855	12225	23	56	17	4	853
<b>Current LEP</b>																						
Yes	0										0						324	5	34	36	26	838
No	95	17	18	60	63	14	15	4	4	853	93	18	65	14	3	853	14157	20	52	20	8	850
<b>Economically disadvantaged</b>																						
Yes	41	6	15	24	59	10	24	1	2	850	40	15	60	23	3	851	5277	10	46	29	15	844
No	54	11	20	36	67	4	7	3	6	855	53	21	68	8	4	855	9204	26	54	16	5	853
<b>Migrant</b>																						
Yes	0										0						5	0	40	60	0	841
No	95	17	18	60	63	14	15	4	4	853	93	18	65	14	3	853	14476	20	51	21	8	850
<b>Gender</b>																						
Female	44	13	30	28	64	3	7	0	0	858	44	30	64	7	0	858	7074	25	51	18	6	852
Male	51	4	8	32	63	11	22	4	8	848	49	8	65	20	6	849	7407	14	51	23	11	847
Not Reported	0										0						0					
<b>Title 1A targeted program</b>																						
Yes	26	2	8	15	58	8	31	1	4	846	26	8	58	31	4	846	857	9	43	35	14	843
No	69	15	22	45	65	6	9	3	4	855	67	22	67	7	3	856	13624	20	52	20	8	850
<b>Gifted/talented program</b>																						
Yes	11	5	45	6	55	0	0	0	0	864	11	45	55	0	0	864	700	69	30	1	0	867
No	84	12	14	54	64	14	17	4	5	851	82	15	66	16	4	852	13781	17	52	22	9	849

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

# ELA-READING RESULTS

## (QUESTIONNAIRE ITEMS)

Test Date: March 2009  
Grade: 8  
SAU: MSAD 43  
School: Mountain Valley Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
<b>How much homework do you do on school nights?</b>																						
A. none	7	0	0	3	43	3	43	1	14	839	7	0	50	50	0	843	8	8	39	29	24	841
B. less than one hour	54	11	22	31	61	7	14	2	4	854	54	22	62	12	4	854	51	17	53	22	8	849
C. one to two hours	37	6	17	25	71	4	11	0	0	855	38	17	71	11	0	855	36	24	52	18	5	852
D. more than two hours	1	0	0	1	100	0	0	0	0	852	1	0	100	0	0	852	5	29	45	18	9	852
<b>Which of the following best describes how you rate yourself as a student in reading?</b>																						
A. very good	28	7	27	14	54	5	19	0	0	855	28	27	54	19	0	855	31	35	50	11	4	856
B. good	51	8	17	33	69	5	10	2	4	853	51	17	70	9	4	854	47	16	55	21	7	849
C. fair	18	2	12	11	65	4	24	0	0	851	18	12	65	24	0	851	18	5	47	33	15	842
D. poor	3	0	0	2	67	0	0	1	33	840	2	0	100	0	0	851	3	2	39	37	22	839
<b>How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?</b>																						
A. The questions on the test match what I have learned in reading class.	38	8	23	20	57	5	14	2	6	855	38	23	57	14	6	855	32	27	54	14	5	853
B. They match some of what I have learned.	54	9	18	34	68	7	14	0	0	854	55	18	68	14	0	854	52	18	53	22	8	850
C. They match just a little of what I have learned.	5	0	0	4	80	1	20	0	0	849	5	0	80	20	0	849	12	11	45	29	15	844
D. There is no match.	3	0	0	1	33	1	33	1	33	832	1	0	100	0	0	846	4	6	34	33	26	838
<b>How difficult was the reading part of this test?</b>																						
A. more difficult than my regular schoolwork	16	2	13	12	80	1	7	0	0	857	16	13	80	7	0	857	15	13	42	28	17	844
B. about the same as my regular schoolwork	75	15	21	40	57	13	19	2	3	853	76	22	58	17	3	853	64	19	53	20	7	850
C. easier than my regular schoolwork	9	0	0	7	88	0	0	1	13	848	8	0	100	0	0	853	22	25	52	16	6	852
<b>How difficult were the reading passages on this test?</b>																						
A. Most of the passages were more difficult than what I normally read.	8	1	14	3	43	2	29	1	14	847	8	14	43	29	14	847	8	6	34	34	26	838
B. Most of the passages were about the same as what I normally read.	70	12	19	44	69	8	13	0	0	855	71	19	69	13	0	855	52	14	54	24	8	848
C. Most of the passages were easier than what I normally read.	23	4	19	13	62	2	10	2	10	851	21	21	68	5	5	854	40	30	53	13	4	855
<b>How hard did you try on the reading part of this test?</b>																						
A. I tried harder on this test than I do on my regular schoolwork.	47	6	14	30	68	7	16	1	2	853	48	14	68	16	2	853	39	19	50	22	9	849
B. I tried about the same as I do on my regular schoolwork.	51	11	23	28	58	7	15	2	4	853	50	24	61	13	2	855	54	21	53	19	7	851
C. I did not try as hard on this test as I do on my regular schoolwork.	2	0	0	2	100	0	0	0	0	853	2	0	100	0	0	853	7	12	46	27	15	845
<b>How much time do you spend reading at home each day?</b>																						
A. more than one hour	15	5	36	8	57	1	7	0	0	859	15	36	57	7	0	859	19	26	53	15	6	853
B. 20 minutes to an hour	30	6	21	18	64	3	11	1	4	855	30	21	64	11	4	855	40	25	52	17	6	852
C. less than 20 minutes	12	2	18	7	64	1	9	1	9	855	12	18	64	9	9	855	15	18	51	21	10	849
D. I rarely read at home.	44	4	10	27	66	9	22	1	2	849	42	10	69	21	0	850	26	7	50	30	13	844
<b>How do you feel about the following statement?</b>																						
<b>"My knowledge of reading will be useful to me as an adult."</b>																						
A. strongly agree	50	9	19	31	66	6	13	1	2	854	51	19	66	13	2	854	42	27	51	15	6	853
B. agree	41	8	21	24	62	7	18	0	0	854	41	21	63	16	0	854	50	15	53	23	9	848
C. disagree	7	0	0	5	71	0	0	2	29	844	7	0	83	0	17	848	7	8	46	32	14	843
D. strongly disagree	1	0	0	0	0	1	100	0	0	838	1	0	0	100	0	838	2	6	39	35	21	840
<b>Optional school/SAU question</b>																						
A.	0										0											
B.	50	0	0	0	0	0	0	1	100	828	50	0	0	0	100	828						
C.	0										0											
D.	50	0	0	0	0	1	100	0	0	840	50	0	0	100	0	840						

# MATHEMATICS RESULTS

Test Date: March 2009  
Grade: 8  
SAU: MSAD 43  
School: Mountain Valley Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
<b>Exceeds the Standards</b> – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (Scaled Score 862–880)	2006-2007	8	7	8	7	1952	13
	2007-2008	4	4	4	4	1657	11
	<b>2008-2009</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>2116</b>	<b>15</b>
	Cum. Total*	18	6	18	6	5725	13
<b>Meets the Standards</b> – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (Scaled Score 842–860)	2006-2007	37	33	36	32	5870	38
	2007-2008	23	21	22	21	5956	40
	<b>2008-2009</b>	<b>29</b>	<b>31</b>	<b>29</b>	<b>31</b>	<b>5443</b>	<b>38</b>
	Cum. Total*	89	28	87	28	17269	39
<b>Partially Meets the Standards</b> – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (Scaled Score 830–840)	2006-2007	31	27	31	28	3982	26
	2007-2008	51	48	50	48	3729	25
	<b>2008-2009</b>	<b>40</b>	<b>42</b>	<b>40</b>	<b>43</b>	<b>3556</b>	<b>25</b>
	Cum. Total*	122	39	121	39	11267	25
<b>Does Not Meet the Standards</b> – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (Scaled Score 800–828)	2006-2007	37	33	36	32	3534	23
	2007-2008	29	27	29	28	3579	24
	<b>2008-2009</b>	<b>20</b>	<b>21</b>	<b>18</b>	<b>19</b>	<b>3356</b>	<b>23</b>
	Cum. Total*	86	27	83	27	10469	23

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
<b>Mathematics Total Points</b>	<b>56</b>	<b>100</b>	25.6	45.7	25.9	46.3	28.6	51.1
<b>A. Number</b>	<b>8</b>	<b>14</b>	2.6	32.5	2.7	33.8	3.7	46.3
<b>B. Data</b>	<b>16</b>	<b>29</b>	8.7	54.4	8.8	55.0	8.9	55.6
<b>C. Geometry</b>	<b>12</b>	<b>21</b>	4.1	34.2	4.1	34.2	5.0	41.7
<b>D. Algebra</b>	<b>20</b>	<b>36</b>	10.2	51.0	10.3	51.5	10.9	54.5

The MEA assesses students’ mathematics knowledge based on questions that measure the mathematics accountability content standards contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard A, Number, includes Whole Number, Rational Number, and Real Number.

Content Standard B, Data, includes Measurement and Approximation, Data Analysis, and Probability.

Content Standard C, Geometry, includes Geometric Figures, Geometric Measurement, and Transformations.

Content Standard D, Algebra, includes Symbols and Expressions, Equations and Inequalities, and Functions and Relations.



# MATHEMATICS RESULTS

## (CONTINUED)

Test Date: March 2009  
 Grade: 8  
 SAU: MSAD 43  
 School: Mountain Valley Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
<b>All Students</b>	95	6	6	29	31	40	42	20	21	838	93	6	31	43	19	839	14471	15	38	25	23	843
<b>Ethnicity</b>																						
African American/Black	0										0						367	6	24	26	44	831
American Indian or Native Alaskan	0										0						114	5	31	32	32	836
Asian or Pacific Islander	0										0						233	27	33	20	21	847
Hispanic	2										2						190	8	31	26	34	836
Caucasian/White	93	6	6	28	30	40	43	19	20	838	91	7	31	44	19	839	13567	15	38	25	22	843
Not Reported	0										0						0					
<b>Identified disability</b>																						
Yes	12	0	0	1	8	4	33	7	58	822	11	0	9	36	55	824	2242	2	12	22	63	824
No	83	6	7	28	34	36	43	13	16	840	82	7	34	44	15	841	12229	17	42	25	16	846
<b>Current LEP</b>																						
Yes	1										1						336	6	18	26	51	829
No	94	6	6	29	31	40	43	19	20	838	92	7	32	43	18	839	14135	15	38	25	23	843
<b>Economically disadvantaged</b>																						
Yes	42	1	2	13	31	18	43	10	24	835	41	2	32	44	22	836	5270	6	30	28	36	835
No	53	5	9	16	30	22	42	10	19	841	52	10	31	42	17	841	9201	20	42	22	16	847
<b>Migrant</b>																						
Yes	0										0						5	0	0	40	60	828
No	95	6	6	29	31	40	42	20	21	838	93	6	31	43	19	839	14466	15	38	25	23	843
<b>Gender</b>																						
Female	44	2	5	17	39	20	45	5	11	840	44	5	39	45	11	840	7070	15	39	25	22	843
Male	51	4	8	12	24	20	39	15	29	836	49	8	24	41	27	837	7401	14	36	25	25	842
Not Reported	0										0						0					
<b>Title 1A targeted program</b>																						
Yes	26	0	0	4	15	15	58	7	27	832	26	0	15	58	27	832	857	5	25	33	37	835
No	69	6	9	25	36	25	36	13	19	840	67	9	37	37	16	841	13614	15	38	24	22	843
<b>Gifted/talented program</b>																						
Yes	11	3	27	6	55	2	18	0	0	855	11	27	55	18	0	855	700	68	27	3	1	866
No	84	3	4	23	27	38	45	20	24	836	82	4	28	46	22	837	13771	12	38	26	24	841

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number



# MATHEMATICS RESULTS

## (QUESTIONNAIRE ITEMS)

Test Date: March 2009  
 Grade: 8  
 SAU: MSAD 43  
 School: Mountain Valley Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
<b>How much homework do you do on school nights?</b>																						
A. none	7	0	0	1	14	3	43	3	43	832	7	0	17	50	33	834	8	8	24	24	44	833
B. less than one hour	54	2	4	17	33	22	43	10	20	838	54	4	34	44	18	838	51	12	38	26	23	842
C. one to two hours	37	4	11	10	29	15	43	6	17	840	38	11	29	43	17	840	36	19	40	23	19	845
D. more than two hours	1	0	0	1	100	0	0	0	0	856	1	0	100	0	0	856	5	19	36	22	23	844
<b>Which of the following best describes how you rate yourself as a student in mathematics?</b>																						
A. very good	33	6	19	12	39	11	35	2	6	848	34	19	39	35	6	848	28	33	41	15	11	852
B. good	49	0	0	14	30	21	46	11	24	835	49	0	31	47	22	835	45	11	43	25	21	842
C. fair	13	0	0	3	25	6	50	3	25	833	13	0	25	50	25	833	21	3	27	35	35	834
D. poor	4	0	0	0	0	1	25	3	75	823	3	0	0	33	67	825	5	2	14	30	54	828
<b>How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?</b>																						
A. The questions on the test match what I have learned in mathematics class.	22	3	14	7	33	6	29	5	24	841	23	14	33	29	24	841	28	23	41	21	15	848
B. They match some of what I have learned.	60	3	5	16	29	29	52	8	14	839	60	5	29	53	13	840	52	13	40	25	21	843
C. They match just a little of what I have learned.	16	0	0	6	40	4	27	5	33	833	15	0	43	29	29	835	16	8	28	30	34	836
D. There is no match.	2	0	0	0	0	1	50	1	50	831	2	0	0	50	50	831	4	5	15	22	58	826
<b>How difficult was the mathematics part of this test?</b>																						
A. more difficult than my regular schoolwork	48	1	2	13	30	20	45	10	23	836	48	2	30	45	23	836	32	6	34	29	32	837
B. about the same as my regular schoolwork	37	0	0	10	29	17	50	7	21	836	37	0	29	50	21	836	52	13	41	25	20	843
C. easier than my regular schoolwork	15	5	36	6	43	3	21	0	0	853	15	36	43	21	0	853	16	39	35	13	13	853
<b>How hard did you try on the mathematics part of this test?</b>																						
A. I tried harder on this test than I do on my regular schoolwork.	41	1	3	14	36	16	41	8	21	838	41	3	37	42	18	838	42	12	38	26	25	841
B. I tried about the same as I do on my regular schoolwork.	53	5	10	14	28	23	46	8	16	840	53	10	29	47	14	841	52	17	39	23	20	845
C. I did not try as hard on this test as I do on my regular schoolwork.	5	0	0	1	20	1	20	3	60	826	5	0	20	20	60	826	7	12	27	27	35	837
<b>How often do you use calculators in mathematics class?</b>																						
A. almost every day	27	2	8	11	44	7	28	5	20	841	27	8	44	28	20	841	34	18	40	22	20	845
B. two or three days a week	51	1	2	11	23	24	50	12	25	835	50	2	24	52	22	836	35	14	38	26	21	843
C. two or three times each month	14	1	8	3	23	9	69	0	0	842	14	8	23	69	0	842	18	12	37	27	24	841
D. never or almost never	9	2	25	4	50	0	0	2	25	847	9	25	50	0	25	847	13	9	32	25	34	837
<b>How often do you use laptops in mathematics class?</b>																						
A. almost every day	16	6	40	7	47	0	0	2	13	855	16	40	47	0	13	855	9	13	38	23	26	841
B. two or three days a week	9	0	0	1	13	6	75	1	13	835	9	0	13	75	13	835	17	11	37	26	26	841
C. two or three times each month	35	0	0	12	36	13	39	8	24	837	35	0	38	41	22	838	28	15	40	25	20	844
D. never or almost never	40	0	0	9	24	21	55	8	21	834	40	0	24	57	19	834	46	16	36	24	23	843
<b>How do you feel about the following statement?</b> "My knowledge of mathematics will be useful to me as an adult."																						
A. strongly agree	63	5	8	19	32	24	41	11	19	840	65	8	32	41	19	840	52	19	41	22	18	846
B. agree	33	1	3	9	29	16	52	5	16	836	33	3	30	53	13	837	39	11	35	27	27	840
C. disagree	3	0	0	0	0	0	0	3	100	819	2	0	0	0	100	819	6	7	28	26	39	835
D. strongly disagree	0										0						3	4	25	28	43	832
<b>Optional school/SAU question</b>																						
A.	0										0											
B.	50	0	0	0	0	0	0	1	100	800	50	0	0	0	100	800						
C.	0										0											
D.	50	0	0	0	0	1	100	0	0	838	50	0	0	100	0	838						

E = Exceeds the Standards    M = Meets the Standards    P = Partially Meets the Standards    D = Does Not Meet the Standards  
 N = Number

# SCIENCE RESULTS

Test Date: March 2009  
Grade: 8  
SAU: MSAD 43  
School: Mountain Valley Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
<b>Exceeds the Standards</b> – The student’s work demonstrates in-depth understanding of essential concepts in science, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information, analyze and solve difficult problems, and explain complex concepts using evidence and proper terminology to support and communicate logical conclusions. (Scaled Score 862–880)	2008-2009*	17	18	17	18	2155	15
<b>Meets the Standards</b> – The student’s work demonstrates a general understanding of essential concepts in science, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve routine problems and explain central concepts with sufficient clarity and accuracy to demonstrate general understanding. (Scaled Score 842–860)	2008-2009*	56	60	56	61	6687	47
<b>Partially Meets the Standards</b> – The student’s work demonstrates incomplete understanding of essential concepts in science and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems but the quality of responses is inconsistent. Explanation of concepts may be incomplete or unclear. (Scaled Score 828–840)	2008-2009*	16	17	15	16	3672	26
<b>Does Not Meet the Standards</b> – The student’s work demonstrates limited understanding of essential concepts in science and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems. Explanations are illogical, incomplete, or missing. There are many inaccuracies. (Scaled Score 800–826)	2008-2009*	5	5	4	4	1749	12

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
<b>Science Total Points</b>	56	100	34.8	62.1	35.2	62.9	32.0	57.1
<b>D. The Physical Setting</b>	31	55	19.1	61.6	19.3	62.3	17.1	55.2
<b>D1/D2 Earth/Space</b>	17	30	10.7	62.9	10.8	63.5	9.4	55.3
<b>D3/D4 Matter and Energy/Force and Motion</b>	14	25	8.4	60.0	8.5	60.7	7.7	55.0
<b>E. The Living Environment</b>	25	45	15.7	62.8	15.9	63.6	14.9	59.6

The MEA assesses students’ science knowledge based on questions that measure the science accountability content standards highlighted in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard D. The Physical Setting  
D1 - Universe and Solar System  
D2 - Earth  
D3 - Matter and Energy  
D4 - Force and Motion

Content Standard E. The Living Environment  
E1 - Biodiversity  
E2 - Ecosystems  
E3 - Cells  
E4 - Heredity and Reproduction  
E5 - Evolution

# SCIENCE RESULTS

## (CONTINUED)

Test Date: March 2009  
Grade: 8  
SAU: MSAD 43  
School: Mountain Valley Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
<b>All Students</b>	94	17	18	56	60	16	17	5	5	850	92	18	61	16	4	851	14263	15	47	26	12	846
<b>Ethnicity</b>																						
African American/Black	0										0						360	4	31	35	30	835
American Indian or Native Alaskan	0										0						114	8	39	31	22	839
Asian or Pacific Islander	0										0						230	20	44	23	13	848
Hispanic	1										1						184	9	45	29	16	842
Caucasian/White	93	16	17	56	60	16	17	5	5	850	91	18	62	16	4	850	13375	15	47	25	12	846
Not Reported	0										0						0					
<b>Identified disability</b>																						
Yes	11	0	0	4	36	6	55	1	9	838	10	0	40	50	10	839	2221	3	22	36	38	832
No	83	17	20	52	63	10	12	4	5	852	82	21	63	12	4	852	12042	17	51	24	7	848
<b>Current LEP</b>																						
Yes	0										0						331	4	20	39	37	832
No	94	17	18	56	60	16	17	5	5	850	92	18	61	16	4	851	13932	15	48	25	12	846
<b>Economically disadvantaged</b>																						
Yes	41	5	12	28	68	6	15	2	5	848	40	13	70	13	5	849	5184	6	40	33	21	840
No	53	12	23	28	53	10	19	3	6	851	52	23	54	19	4	852	9079	20	51	21	8	849
<b>Migrant</b>																						
Yes	0										0						5	0	0	80	20	829
No	94	17	18	56	60	16	17	5	5	850	92	18	61	16	4	851	14258	15	47	26	12	846
<b>Gender</b>																						
Female	44	7	16	31	70	5	11	1	2	852	44	16	70	11	2	852	6953	14	47	28	11	846
Male	50	10	20	25	50	11	22	4	8	849	48	21	52	21	6	850	7310	16	46	24	13	846
Not Reported	0										0						0					
<b>Title 1A targeted program</b>																						
Yes	26	0	0	21	81	2	8	3	12	846	26	0	81	8	12	846	828	5	35	40	20	839
No	68	17	25	35	51	14	21	2	3	852	66	26	53	20	2	852	13435	16	48	25	12	846
<b>Gifted/talented program</b>																						
Yes	11	6	55	5	45	0	0	0	0	864	11	55	45	0	0	864	699	65	34	2	0	865
No	83	11	13	51	61	16	19	5	6	848	81	14	63	19	5	849	13564	13	48	27	13	845

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

# SCIENCE RESULTS

## (QUESTIONNAIRE ITEMS)

Test Date: March 2009  
Grade: 8  
SAU: MSAD 43  
School: Mountain Valley Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
<b>How much homework do you do on school nights?</b>																						
A. none	7	1	14	2	29	3	43	1	14	842	7	17	33	50	0	846	8	8	34	28	30	837
B. less than one hour	54	9	18	33	65	6	12	3	6	850	54	18	66	10	6	850	51	14	48	27	11	846
C. one to two hours	37	7	20	20	57	7	20	1	3	851	38	20	57	20	3	851	36	19	48	24	9	848
D. more than two hours	1	0	0	1	100	0	0	0	0	852	1	0	100	0	0	852	5	17	49	20	14	847
<b>Which of the following best describes how you rate yourself as a student in science?</b>																						
A. very good	32	10	33	15	50	5	17	0	0	855	33	33	50	17	0	855	23	27	47	17	8	851
B. good	50	7	15	30	64	7	15	3	6	850	51	15	64	15	6	850	53	15	50	26	10	847
C. fair	16	0	0	10	67	4	27	1	7	842	15	0	71	21	7	843	20	4	43	35	18	840
D. poor	2	0	0	1	50	0	0	1	50	831	1	0	100	0	0	846	4	4	27	34	35	834
<b>How well do the questions that you have just been given on this MEA test match what you have learned in school about science?</b>																						
A. The questions on the test match what I have learned in science class.	36	8	24	21	62	4	12	1	3	854	37	24	62	12	3	854	26	20	49	23	9	849
B. They match some of what I have learned.	56	9	17	33	62	9	17	2	4	850	57	17	63	17	2	850	51	14	48	26	11	846
C. They match just a little of what I have learned.	6	0	0	2	33	3	50	1	17	838	5	0	40	40	20	840	18	13	44	28	15	844
D. There is no match.	1	0	0	0	0	0	0	1	100	816	1	0	0	0	100	816	4	5	33	30	32	836
<b>How difficult was the science part of this test?</b>																						
A. more difficult than my regular schoolwork	22	5	25	8	40	5	25	2	10	848	22	25	40	25	10	848	32	13	45	28	14	844
B. about the same as my regular schoolwork	63	9	16	38	66	10	17	1	2	851	64	16	66	17	2	851	56	15	49	25	11	847
C. easier than my regular schoolwork	15	3	21	9	64	1	7	1	7	852	13	25	75	0	0	857	11	21	43	22	13	847
<b>How hard did you try on the science part of this test?</b>																						
A. I tried harder on this test than I do on my regular schoolwork.	40	7	19	21	57	7	19	2	5	849	40	19	58	19	3	850	39	14	47	27	12	845
B. I tried about the same as I do on my regular schoolwork.	54	10	20	31	62	8	16	1	2	852	55	20	62	16	2	852	55	17	48	25	10	847
C. I did not try as hard on this test as I do on my regular schoolwork.	6	0	0	3	50	1	17	2	33	838	5	0	60	0	40	840	6	8	36	29	26	839
<b>Which courses do you plan to take before you graduate from high school?</b>																						
A. earth and space science and/or biology	24	5	23	14	64	3	14	0	0	852	24	23	64	14	0	852	26	9	48	29	14	844
B. the course(s) described in A, plus chemistry	24	5	23	8	36	7	32	2	9	846	23	24	38	33	5	848	23	17	49	22	12	847
C. the course(s) described in B, plus physics	18	3	18	10	59	3	18	1	6	851	18	19	63	13	6	853	21	31	44	17	7	852
D. a life science and physical science class	34	4	13	24	75	2	6	2	6	851	35	13	75	6	6	851	30	7	46	32	14	842
<b>How well does the following statement reflect your future goals? "I am interested in a career related to science, technology, engineering, or mathematics."</b>																						
A. strongly agree	39	9	24	19	51	9	24	0	0	853	40	24	51	24	0	853	27	23	47	20	10	849
B. agree	43	7	18	24	60	4	10	5	13	849	42	18	62	10	10	850	37	14	47	27	12	846
C. disagree	13	1	8	10	83	1	8	0	0	849	13	8	83	8	0	849	25	11	48	29	12	845
D. strongly disagree	5	0	0	3	60	2	40	0	0	840	4	0	75	25	0	844	11	9	44	31	17	842
<b>How do you feel about the following statement? "My knowledge of science will be useful to me as an adult."</b>																						
A. strongly agree	45	9	21	20	48	11	26	2	5	850	46	21	48	26	5	850	31	22	46	22	10	849
B. agree	45	7	17	29	69	3	7	3	7	851	45	17	71	7	5	852	50	14	49	26	11	846
C. disagree	9	1	13	6	75	1	13	0	0	847	9	13	75	13	0	847	14	9	45	31	15	843
D. strongly disagree	2	0	0	1	50	1	50	0	0	835	1	0	100	0	0	842	5	3	38	34	25	837
<b>Optional school/SAU question</b>																						
A.	0										0											
B.	50	0	0	0	0	0	0	1	100	822	50	0	0	0	100	822						
C.	0										0											
D.	50	0	0	1	100	0	0	0	0	846	50	0	100	0	0	846						

E = Exceeds the Standards   M = Meets the Standards   P = Partially Meets the Standards   D = Does Not Meet the Standards  
N = Number